

## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO. : 7,046,190  
DATED : May 16, 2006  
INVENTOR(S) : Fritz Steudel

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 2, line 67 delete "error difference." and replace with --error differences.--.

Column 3, line 1, delete "phase difference" and replace with --phase differences--.

Column 5, line 30-31, delete "estimator 80 batch-processes" and replace with --estimator 80 batch processes--.

Column 8, line 3, delete "on number" and replace with --on the number--.

Column 9, line 39, delete "error value and" and replace with --error value; and--.

**MAILING ADDRESS OF SENDER:**

DALY, CROWLEY, MOFFORD & DURKEE, LLP  
354A TURNPIKE STREET, SUITE 301A  
CANTON, MASSACHUSETTS 02021-2714

PATENT NO.

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